



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/071,123	02/08/2002	Chung-Hua Tsai	02115-URSX	1488

33804 7590 09/30/2005  
SUPREME PATENT SERVICES  
POST OFFICE BOX 2339  
SARATOGA, CA 95070

EXAMINER
LEE, CHEUKFAN

ART UNIT	PAPER NUMBER
2622	

DATE MAILED: 09/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/071,123		TSAI, CHUNG-HUA	
	<b>Examiner</b>		<b>Art Unit</b>	
	Cheukfan Lee		2622	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 08 February 2002.
- 2a) ☐ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 1-3 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date: _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date: _____  | 6) <input type="checkbox"/> Other: _____                                    |

Art Unit: 2622

1. Claims 1-3 are pending. Claim 1 is independent.
2. Attorney Mr. Jason Lin was contacted on September 26, 2005 in an attempt to get authorization for an examiner's amendment. The attempt was not successful. In a returned phone call, Mr. Lin indicated that he prefers to receive a first Office Action that does not include an examiner's amendment.

3. This application is in condition for allowance except for the following formal matters:

In the title:

"PDA" should be replaced with – personal digital assistant (PDA) --.

In the abstract:

Line 2, after the abbreviation "PDA", – (personal digital assistant) – should be inserted.

In the specification:

Page 1, section 0001, line 2 of the section, after "PDA", -- (personal digital assistant) – should be inserted;

Page 1, section 0002, line 1 of the section, "includes" should read – include --;

Page 1, section 0003, line 3 of the section, after "PDA", – (personal digital assistant) – should be inserted; and

Pages 2-3, section 0010, line 4 of the section, after "PDA", -- (personal digital assistant) -- should be inserted.

In the claims:

In claim 1, line 4, "PDA" should be replaced with -- personal digital assistant (PDA) --.

**In this Office Action, claim 1 is objected to for the reason given above, and claims 2 and 3 are objected to as being dependent upon the objected claim 1.**

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

4. Claims 1-3 would be allowable if rewritten or amended to overcome the objection(s) set forth in this Office action.

5. The following is an examiner's statement of reasons for allowance:

Claim 1 would be allowable over the prior of record. Claim 1 requires a scanning device comprising a specifically defined engaging recess and a scanner received in one of two ridges of the engaging recess, the specifically defined engaging recess being

Art Unit: 2622

defined between two ridges on two sides of a body of the scanning device, the engaging recess including an open end and a close end in which a connection port is defined which is adapted to be connected to a personal digital assistant (PDA), the scanner being received in the one recess of the two ridges, a scanning window defined in an outside of the scanner, an active shaft connected to a side of the scanner, a first gear wheel and a second gear wheel connected to two respective ends of the active shaft and located at outside of the body of the scanning device, a transmission assembly engaged with the first gear wheel and the second gear wheel, and an optical sensing assembly co-rotatably engaged with the transmission assembly.

The scanning device as defined above is not taught by the prior art of record.

Claims 2 and 3 depending on claim 1 would be allowable for the reason given for claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Tu (U.S. Patent No. 6,789,734)

Chiba et al. (U.S. Patent No. 6,886,749)

Yeung (U.S. Patent No. 6,842,652)

Neukermans et al. (U.S. Patent No. 6,064,779) (Fig. 5 and col. 9, lines 15-30)

Postman et al. (U.S. Patent No. 5,664,231)

Chiba et al. (U.S. Patent No. 6,744,537)

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheukfan Lee whose telephone number is (571) 272-7407. The examiner can normally be reached on 9:30 a.m. to 6:00 p.m., Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Cheukfan Lee  
September 27, 2005

  
*Cheukfan Lee*